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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/071,779

DATE: 03/01/2002
TIME: 10:58:04

Input Set : A:\EP.txt
Output Set: N:\CRF3\03012002\J071779.raw

2 <110> APPLICANT: Achilefu, Samuel I.
3 Rajagopalan, Raghavan
4 Dorshow, Richard B.
5 Bugaj, Joseph E.
7 Mallinckrodt Inc.
9 <120> TITLE OF INVENTION: Dye-Bioconjugates for Simultaneous Optical Diagnostic and
10 Therapeutic Applications
12 <130> FILE REFERENCE: MRD-75
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/071,779
15 <141> CURRENT FILING DATE: 2002-02-07
17 <160> NUMBER OF SEQ ID NOS: 8
19 <170> SOFTWARE: PatentIn Version 3.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 8
23 <212> TYPE: PRT
24 <213> ORGANISM: Artificial Sequence
26 <220> FEATURE:
W--> 27 <221> NAME/KEY: MOD RES
28 <222> LOCATION: (1)...(8)
29 <223> OTHER INFORMATION: Xaa at location 1 represents D-Phe. Artificial sequence is
30 completely synthesized.
31 <223> OTHER INFORMATION: Xaa at locations 2 and 7 represents Cys with an
32 intramolecular disulfide bond between two Cys
33 amino acids. Artificial sequence is completely synthesized.
34 <223> OTHER INFORMATION: Xaa at location 4 represents D-Trp. Artificial sequence is
35 completely synthesized.
37 <400> SEQUENCE: 1
W--> 38 Xaa Xaa Tyr Xaa Lys Thr Xaa Thr
39 1 5
42 <210> SEQ ID NO: 2
43 <211> LENGTH: 8
44 <212> TYPE: PRT
45 <213> ORGANISM: Artificial Sequence
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W--> 48 <221> NAME/KEY: MOD RES
49 <222> LOCATION: (1)...(8)
50 <223> OTHER INFORMATION: Xaa at location 1 represents D-Phe. Artificial sequence is
51 completely synthesized.
52 <223> OTHER INFORMATION: Xaa at locations 2 and 7 represents Cys with an
53 intramolecular disulfide bond between two Cys
54 amino acids. Artificial sequence is completely synthesized.
55 <223> OTHER INFORMATION: Xaa at location 4 represents D-Trp. Artificial sequence is
56 completely synthesized.

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57 <223> OTHER INFORMATION: Xaa at location 8 represents Thr-OH. Artificial sequence is
 58 completely synthesized.

60 <400> SEQUENCE: 2

W--> 61 Xaa Xaa Tyr Xaa Lys Thr Xaa Xaa

62 1 5

65 <210> SEQ ID NO: 3

66 <211> LENGTH: 11

67 <212> TYPE: PRT

68 <213> ORGANISM: Unknown

70 <220> FEATURE:

W--> 71 <221> NAME/KEY: MOD RES

72 <222> LOCATION: (1)...(11)

73 <223> OTHER INFORMATION: Bombesin analog

75 <400> SEQUENCE: 3

76 Gly Ser Gly Gln Trp Ala Val Gly His Leu Met

77 1 5 10

80 <210> SEQ ID NO: 4

81 <211> LENGTH: 11

82 <212> TYPE: PRT

83 <213> ORGANISM: Unknown

85 <220> FEATURE:

W--> 86 <221> NAME/KEY: MOD RES

87 <222> LOCATION: (1)...(11)

88 <223> OTHER INFORMATION: Bombesin analog

90 <400> SEQUENCE: 4

91 Gly Asp Gly Gln Trp Ala Val Gly His Leu Met

92 1 5 10

95 <210> SEQ ID NO: 5

96 <211> LENGTH: 8

97 <212> TYPE: PRT

98 <213> ORGANISM: Unknown

100 <220> FEATURE:

W--> 101 <221> NAME/KEY: MOD RES

102 <222> LOCATION: (1)...(8)

103 <223> OTHER INFORMATION: Cholecystokinin octapeptide analogs

105 <400> SEQUENCE: 5

106 Asp Tyr Met Gly Trp Met Asp Phe

107 1 5

110 <210> SEQ ID NO: 6

111 <211> LENGTH: 8

112 <212> TYPE: PRT

113 <213> ORGANISM: Artificial Sequence

115 <220> FEATURE:

W--> 116 <221> NAME/KEY: MOD RES

117 <222> LOCATION: (1)...(8)

118 <223> OTHER INFORMATION: Xaa at locations 3 and 6 represents Norleucine. Artificial
 119 sequence is completely synthesized.

121 <400> SEQUENCE: 6

W--> 122 Asp Tyr Xaa Gly Trp Xaa Asp Phe

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133 <220> FEATURE:
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136 <223> OTHER INFORMATION: Xaa at location 1 represents D-Asp. Artificial sequence is
137      completely synthesized.
138 <223> OTHER INFORMATION: Xaa at locations 3 and 6 represents Norleucine. Artificial
139      sequence is completely synthesized.
141 <400> SEQUENCE: 7
W--> 142  Xaa Tyr Xaa Gly Trp Xaa Asp Phe
143      1              5
146 <210> SEQ ID NO: 8
147 <211> LENGTH: 8
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
W--> 152 <221> NAME/KEY: MOD RES
153 <222> LOCATION: (1)...(8)
154 <223> OTHER INFORMATION: Xaa at location 1 represents D-Lys. Artificial sequence is
155      completely synthesized.
157 <400> SEQUENCE: 8
W--> 158  Xaa Pro Arg Arg Pro Tyr Ile Leu
159      1              5

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VERIFICATION SUMMARY

DATE: 03/01/2002

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Input Set : A:\EP.txt

Output Set: N:\CRF3\03012002\J071779.raw

L:14 M:270 C: Current Application Number differs, Replaced Application Number
L:27 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:38 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:48 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2
L:61 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:71 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:86 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
L:101 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:116 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:134 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7
L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:152 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8